PATENT Attorney Docket No.: 056297-0001

NOV 2 0 2003 4

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	application of:)	
Ronald	d J. SAPOLSKY et al.)	
Applic	eation No.: 10/696,452)	Group Art Unit: Unassigned
Filed:	October 29, 2002))	Examiner: Unassigned
For:	CAPTURING SEQUENCES ADJACENT TO TYPE-IIS RESTRICTION SITES FOR GENOMIC LIBRARY MAPPING)))	

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

TRANSMITTAL FORM

1.	Transmitted herewith is:

✓ Information Disclosure Statement✓ Form PTO-1449, with <u>119</u> references included.

2. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

			, the fees for which are set out in months checked below:	
	Total Months Requested	Fee for Extension	[Fee for Small Entity]	
	one month two months three months four months	\$ 110.00 \$ 420.00 \$ 950.00 \$ 1,480.00	\$ 55.00 \$ 210.00 \$ 475.00 \$ 740.00	
	Extension of time fee	due with this request:	\$	
	If an additional extentherefor.	sion of time is required	d, please consider this a Petition	
			been secured and the fee paid there for the total months of extension	
Constr	ructive Petition			
	hereby authorized by pendency of this appl which may be require any overpayment to I	this paper to charge ar ication including fees ed, including any requideposit Account 50-03 ETITION FOR EXTERNATION	F.R. § 1.18, the Commissioner is my additional fees during the entire due under 37 C.F.R. §§ 1.16 and 1 red extension of time fees, or credit 10. This paragraph is intended to NSION OF TIME in accordance w	.17 it be a
Fee Ca	alculation (37 C.F.R. §	1.16)		
No fee	is believed to be due	at this time.		
Fee Pa	yment			
	No fee is to be paid a	t this time.		
		any additional extension	The Commissioner is hereby on of time fee or additional fee for	

3.

4.

5.

The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: November 20, 2003

By:

Bonnie Weiss McLeod Reg. No. 43,255

CUSTOMER NO. 09629

MORGAN, LEWIS & BOCKIUS LLP 1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

Telephone: (202) 739-3000 Facsimile: (202) 739-3001

PATENT

Attorney Docket No.: 056297-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Ronale	d J. SAPOLSKY et al.)	
Applic	cation No.: 10/696,452)	Group Art Unit: Unassigned
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For:	CAPTURING SEQUENCES ADJACENT)	
	TO TYPE-IIS RESTRICTION SITES FOR)	
	GENOMIC LIBRARY MAPPING)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents

Attorney Docket No.: 056297-0001 Application No.: 10/696,452

Page 2

do constitute "prior art" under United States law, Applicants reserve the right to present to the

office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the

patentability of the disclosed invention over the listed documents, should one or more of the

documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby

authorized by this paper to charge any additional fees during the entire pendency of this

application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required,

including any required extension of time fees, or credit any overpayment to Deposit Account

No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR

EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: November 20, 2003

Bonnie Weiss McLeod

Reg. No. 43,255

CUSTOMER NO. 009629

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	AR	6,472,185		10/20	02	McCasky	/ Feaz	el et al.			435	91.2			
	BR	6,100,030		08/20	000	McCasky	/ Feaz	el et al.			435	6			
	CR	6,103,463	,103,463		000	Chetveri	Chetverin et al					6		1	
	DR	5,700,637		12/19	97	Southern					435	6			
	ER	6,027,889	89		000	Barany e	t al.				435	5			
	FR	5,869,252		02/1999		Bouma e	t al.		· · · · · · · · · · · · · · · · · · ·		435	6			
	GR	5,436,142	07/19		95	Wigler et	al.				435	91.2			
	HR	5,849,483		12/19		Shuber			•		435	5			
	IR	5,589,330		12/19	96	Shuber					435	5			
	JR	5,633,134		05/19	97	Shuber					435	6			
	KR	5,508,178		04/19	96	Rose et	al				435	91.1			
	LR	6,124,090		09/20	000	Rose et	al.				435	5			
	MR	6,107,023		08/20	000	Reyes et	al.				435	6		<u> </u>	
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	NR	WO 89/12695	12/19	89	PCT		Reye	es et al.	C12Q			X			T
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	PR	WO 93/06239	04/19		PCT		Zabe	au et al.	C12Q			X			T
	QR	WO 96/03529	02/19	96	PCT		Shub	er	C12Q			Х			Т
	RR	WO 90/08821	08/19	90	PCT		John	son	C12N			X			T
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OTHER (I		ing in this order					-			c.)					Ī
		Kim et al, Journ (1989)										x			
	VR	Hacia et al., Na	ture G	enetics	s. 14:4	41-447 (E	ecem	ber. 1996)				х			

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Date Considered:

WR Cronin et al., Human Mutation, 7:244-255 (1996)

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Examiner

Kozal et al., Nature Medicine, 2(7):753-59 (July, 1996)

Vos et al., Nucleic Acids Research, 23(21):4407-4414 (1995)

To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

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INFORMATION DISCLOSURE STATE BY APPLICANT

056297-0001 1079.1E

Applicant: SAPOLSKY ET AL

Appln. No.: 10/696,452

Dkt. No.

Filing Date: October 29, 2002

Date: Nov	embe	er 20, 2003	Page	2	of	6	Examiner:	Unassigned	Gro	up Ar	t Unit:	Unassig	ned
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	AR	5,565,340		10/19	996	Chenchil	c et al.		435	91	1.2		
	BR	5,093,245		03/19	992	Keith et al. 435							
	CR	5,595,891		01/19	997	Rose et a	al		435	91	1.5		
	DR	6,294,323		09/20	001	Ullman e	t al.	4					
	ER	5,366,877		11/19	994	Keith		435	91	.2			
	FR	6,258,539		07/20	001	Hunkapil	ler et al.	435	6				
	GR	5,853,991		12/19	998	Wang et	al	435	6				
	HR	6,174,709		01/20	001	Kenten e	t al.		435	91	.2		
	IR	5,413,909		05/19	995	Bassam	et al.		435	6			
	JR	5,599,696		02/19	997	Mueller e	et al.		435	91	.2		
	KR	5,501,964		03/19	996	6 Wigler et al.				91	.2		
	LR	5,512,458		04/19	996	6 Leonard 435 91.1					.1		
	MR	6,045,994		04/20	000	Zabeau et al. 435 6							
	NR	6,277,606		08/20	001	Wigler et	al.		435	91	.2		
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	OR	WO 94/11383	05/19	94	PCT		Wigler et al.	C07H		Х			
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	RR	WO 91/05861	05/19	91	PCT		Lovett et al.	C12N		Х			
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OTHER (In	rcludi	ng in this order	Author,	Title,	Period	lical Name	e, Date, Pertinen	t Pages, etc.)					
	WR	Lew, Current O	pinion i	nion in Immunology, 3:242-246 (1991)									
	XR	Roux et al., Bio	Techni	ques, 8(1):48-57 and Erratum, 8(3):265 (1990)									
	YR	Kawasaki et al.	, Metho	ds in	Enzym	ology, 21	8:369-81			X			
	ZR	Kawasaki et al., Methods in Enzymology, 218:369-81 Bugawan et al., The Journal of Immunology, 141(12):4024-4030 (December 1, 1988)											

Date Considered:

Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not

AAR Bugawan et al., Am. J. Hum. Genet., 54:331-340 (1994)

in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AR	5,597,694		01/19	97	Munroe e	et al.			435	6		
	BR	5,470,724		11/19	95	Ahern				435	91.2		
	CR	6,017,701		01/20	000	Sorge et al.				435	6		
	DR	5,104,792		04/19	92	Silver et al.				435	6		
	ER	6,218,119		04/20	01	Kuiper et	al.			435	6		
	FR	5,874,215		02/19	99	Kuiper et	al.			435	6		
	GR	6,159,713		12/20	000	Wigler et	al.			435	91.2		
	HR	5,876,929		03/19	99	Wigler et	al.			435	6		
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	JR	5,693,464		12/19	97	Trent et a	al.			435	6		
	KR	6,258,533		07/20	01	Jones				435	6		
	LR	6,060,245		05/20	000	Sorge et	al.			435	6		
	MR	6,261,782		07/20	01	Lizardi et	al.			435	6		
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	QR	Krausa et al., H	uman Immur	ology, 44:35-4	2 (1995)		X	ļ <u>.</u>		\perp
	RR	Gonzalez-Escri	bano et al., A	nnals of the Rh	neumatic Diseases,	54:386-388 (1995)	Х			
	SR	Hashimoto et al	., Tissue Ant	igens, 44:166-1	73 (1994)		Х			
	TR	Ratanachaiyavo (1994)	ong et al., Eu	ropean Journal	of Clinical Investiga	ation, 24:309-315	×			
	UR	Caetano-Anolle	s et al., Mol.	Gen. Genet., 2	35:157-165 (1992)		X			
	VR	Akowitz et al., C	ene, 81:295	-306 (1989)			X			
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To: U.S. Department of Commerce (PW FORM PAT-1449)
Patent and Trademark Office



INFORMATION DISCLOSURE STATEMENTANDENERS

Dkt. No. 056297-0001 1079.1E

Applicant: SAPOLSKY ET AL

Appln. No.: 10/696,452

Filing Date: October 29, 2002

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muais	AR	6,270,966		08/20	001	Weinsteir	n et al			435	- 6	6		
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		5,994,068		11/19			Tavtigian et al. Guilfoyle et al.				6		 	
	DR	6,280,948		08/20		Guilfoyle				435 435	6			
	ER	5,707,807		01/19		Kato	Ct ai.			435	6			
	FR	5,824,481		10/19		Kambara	et al			435	6			
	 	5,814,445		09/19		Belyavsk				435	6			
	HR	6,120,996		09/20		Belyavsk				435	6			
	IR	5,712,126		01/19		Weissma				435	91.2			
	JR	6,010,850		01/20			Weissman et al. 43				6			
	KR	6,287,825		09/20		Weissma	n et a	l.		435	91.2			
	LR	5,252,724		10/19	93	Kishimoto	et al.			435				
	MR	5,858,656		01/19	99	Deugan e	et al.			435	6			
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

To: 'U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Examiner



INFORMATION DISCLOSURE STATEMENTADEMENTS

O56297-0001 1079.1E

Applicant: SAPOLSKY ET AL

Appln. No.: 10/696,452

Filing Date: October 29, 2002

Filing Date: October 29, 2002															
Date: November 20, 2003 Page			5	of	6 Examiner: Unassigned Gro					oup Art Unit: Unassig			ned		
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Examiner's		Document Number		Date MM/YYYY		Name (Family Name of First Inventor)		tor)	Clas	s Sub Class	s	Filing Date (if appropriate)			
	AR	6,221,600	04/2001		MacLeod et al. 435										
	BR	6,114,149	09/20	000	Fry et al.	y et al. 435			91.2						
	CR	5,427,932 6,322,971		06/1995 11/2001		Weier et al. 435					91.2				
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	IR	Patel et al., Nucleic Acids Research, 19(16):4371-4375 (1991)													
	JR	Jones et al., BioTechniques, 23:132-138 (July, 1997)													
	KR	Shagin et al., Nucleic Acids Research, 27(18):e23 (1999)												<u> </u>	
	LR	Carbonari et al., Trends in Genetics, "Optimization of PCR performance", 9(2):42-43 (February, 1993)													
	MR	Erlich et al., Annu. Rev. Genet., 26:479-506 (1992)													
	NR	Luo et al., Journal of Clinical Laboratory Analysis, 13:69-74 (1999)													
	OR	Nadeau et al., Mammalian Genome, 3:55-64 (1992)												<u> </u>	
	PR	Agostini et al., Journal of NeuroVirology, 1:316-320 (1995)											<u> </u>	$oldsymbol{ol}oldsymbol{ol}oldsymbol{ol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$	
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	RR	Bej et al., Critical Reviews in Biochemistry and Molecular Biology, 26(3/4):301-334 (1991)													
	SR	Given et al., Journal of Virology, 30(3):852-862 (June, 1979)												<u> </u>	
	TR	Roux, PCR Methods and Applications, 4(5):S185-S194 (April, 1995)												$oxed{oxed}$	
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